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ART 34 AMST

24. The method of claim 22, wherein the flow resistor is a progressive resistor which provides a progressively increasing flow resistance to the gas flow.
25. The method of claim 24, wherein the progressive resistor comprises an expandable member which provides a progressively increasing resistance to the gas flow.
26. The method of any of claims 16 to 25, wherein substance is supplied from a single substance supply unit.
27. The method of any of claims 16 to 25, wherein substance is supplied to the first and second nosepiece units from respective ones of first and second substance supply units.
28. A nasal delivery device for delivering substance to a nasal airway of a subject, comprising:
at least one delivery unit for delivering substance to a nasal airway of a subject;
and
a gas supply unit for applying a varying pressure in the nasal airway of the subject.
29. The delivery device of claim 28, wherein the gas supply unit is configured to cycle the pressure in the nasal airway of the subject.
30. The delivery device of claim 29, wherein the gas supply unit is configured to provide an alternating pressure in the nasal airway of the subject.
31. The delivery device of any of claims 28 to 30, further comprising:
a mouthpiece through which the subject in use exhales.
32. The delivery device of claim 31, wherein the gas supply unit is an exhalation breath actuatable unit which is fluidly connected to the mouthpiece such as to be actuated on exhalation by the subject.

33. A method of delivering substance to a nasal airway of a subject, comprising the steps of:
delivering substance to a nasal airway of a subject; and
5 applying a varying pressure in the nasal airway of the subject.
34. The method of claim 33, wherein the step of applying a varying pressure in the nasal airway of the subject comprises the step of:
cycling the pressure in the nasal airway of the subject.
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35. The method of claim 34, wherein the step of applying a varying pressure in the nasal airway of the subject comprises the step of:
alternating the pressure in the nasal airway of the subject.
- 15 36. The method of any of claims 33 to 35, further comprising the step of:
exhaling through a mouthpiece during delivery of substance.
37. A nasal delivery device for delivering substance to a nasal airway of a subject, comprising:
20 at least one delivery unit for delivering substance to a nasal airway of a subject;
and
a gas supply unit for alternately delivering and withdrawing a volume of gas through the nasal airway of the subject such as to cause entrained substance to be flushed in alternate directions therethrough.
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38. The delivery device of claim 37, further comprising:
a mouthpiece through which the subject in use exhales.
39. A method of delivering substance to a nasal airway of a subject, comprising the steps of:
30 delivering substance to a nasal airway of a subject; and

alternately delivering and withdrawing a volume of gas through the nasal airway of the subject such as to cause entrained substance to be flushed in alternate directions therethrough.

- 5 40. The method of claim 39, further comprising the step of:
 exhaling through a mouthpiece during delivery of substance.
41. An interface member for attachment to a nasal delivery device, comprising, as an
 integral element, at least one nosepiece for fitting to a nostril of a subject and a
10 mouthpiece through which the subject in use exhales.
42. The interface member of claim 41, comprising first and second nosepieces for
 fitting to respective nostrils of a subject.
- 15 43. The interface member of claim 41 or 42, where being a disposable element.
44. The interface member of any of claims 41 to 43, wherein the mouthpiece
 comprises a tubular section through which the subject in use exhales.
- 20 45. The interface member of any of claims 41 to 43, wherein the mouthpiece
 includes a flexible member which is deflectable on exhalation into the
 mouthpiece.
46. The interface member of claim 45, wherein the mouthpiece comprises a cavity
25 into which the subject in use exhales, with a part of the cavity being defined by
 the flexible member.
47. The interface member of claim 45 or 46, wherein the flexible member comprises
 a resilient member.